SOLICITATIO	N/CONTRACT			_	_	1. REQUI: W56MES		N NUMBER -2114			PAGE	1 OF	21
2. CONTRACT NO.		3. AWARD/EFF	, , -,	4. ORDER		1			10N NUMBER 04-T-0084		6. SOLICITE 21-Sep	TATION ISS	UE DATE
7. FOR SOLICITATION INFORMATION CAL		a. NAME VERNARD	L MOORE					b. TELEPHON	NE NUMBER (No C	Collect Calls)		DUE DATE	/LOCAL TIME p 2004
9. ISSUED BY U S ARMY ENGIN ATTN: CELRE-CT I DETROIT MI 48231 TEL: 313 226-57 FAX: 313 226-22 15. DELIVER TO FACILITIES MANAGEN	POST OFFICE BOX -1027 148 209	ETROIT	V911XK	1	-	RICTED E: L BUSINE ONE SMA	IS % ESS ALL B	FOR	11. DELIVERY DESTINATION I BLOCK IS MARI SEE SCHE	UNLESS KED DULE CONTRACT AS (15 CFR	12. DISC IS A RAT 2 700)	COUNT TE	ERMS
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	F REMITTANCE IS ESS IN OFFER	DIFFERENT	AND PUT		8b. SUBMIT BELOW IS CH				SS SHOWN IN DENDUM	BLOCK 18a	a. UNLES	S BLOC	K
19. ITEM NO.	;		E OF SUPPL		VICES		21. (QUANTITY	′ 22. UNIT	23. UNIT P	PRICE	24. AMO	<u>UNT</u>
25. ACCOUNTING	AND APPROPRIA	TION DATA				ļ			26. TOTAL	AWARD AM	IOUNT (F	or Govt. U	Jse Only)
l H	TION INCORPORA									DDENDA DDENDA			ATTACHED ATTACHED
28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 1 COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN. 29. AWARD OF CONTRACT: REFERENCE OFFER DATED OFFER DATED OFFER DATED OFFER DATED SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:													
30a. SIGNATURE	OF OFFEROR/CO	ONTRACTOR			31a.UNITEI	STATES	OF A	AMERICA (S	SIGNATURE OF CO	ONTRACTING	OFFICER)	31c. DAT	E SIGNED
30b. NAME AND T (TYPE OR PRINT)	TILE OF SIGNER		30c. DATE	SIGNED	31b. NAME	OF CONT	RACT:	ING OFFICE	CR (TYPE C	OR PRINT)			

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL IT (CONTINUED)									PA	AGE 2 OF 21			
19.	ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES					I .	21. QUANTIT	ΓΥ 22. UNI	23. UNIT	PRICE	24. AMOUNT	
19.	ITEM NO.			•		VICES .		21. QUANTIT	TY 22. UNIT	23. UNIT	PRICE	24. AMOUNT	
	QUANTITY IN	-		HAS BEEN									
R	RECEIVED	INSPE	ECTED	ACCEPTED, AND CONF	ORMS TO THE	CONTRAC	CT, EXCEPT	AS NOTED:					
32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE								PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE					
32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT R					EPRESENTATIVE 32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMI					IMENT RI	EPRESENTATIVE		
						32g. E-MAIL OF AUTHORIZED GOVERNMENT REPR				ENT REPRES	SENTATIV	/E	
33. SHIP NUMBER 34. VOUCHER NUMBER 3 PARTIAL FINAL				35. AMOUNT VERIFIED 36 CORRECT FOR		PAYMENT 37. CHECK NUMBER COMPLETE PARTIAL FINAL							
	/R ACCOUNT		ER 39	. S/R VOUCHER NUMBER	40. PAID BY								
_				IS CORRECT AND PROPEI	R FOR PAYMEN	T42a. RE	CEIVED BY	(Print)					
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER 4				TIO. DATE	42h RF	b. RECEIVED AT(Location)							
						42c. DA	TE REC'D (YY/MM/DD)	42d. TOTAL CC	NTAINERS			

Section SF 30 - BLOCK 14 CONTINUATION PAGE

CONTRACT REQUIREMENTS

This Request for Quotation is for the purchase and installation of a Burner Management Control System at the Soo Locks, Sault Ste. Marie, Michigan. The control system shall be comprised of Brand Name or Equal products as stated in the attached SOW/Specifications. Descriptive Literature on all equivalent items is required to be submitted with the price quote for evaluation and approval (see attached clause 52.211-6). Price quotes can be faxed to Mr. Vernard L. Moore @ 313.226.2209 and should include the company's Dun and Bradstreet and Tax Indentification numbers.

An on-site visit at the Soo Locks Facility is highly recommended prior to submitting a price quote but is not mandatory. Contact Mr. Joe Pintal or Ms. Trudy Britz at 906.635.3445 or 906.635.3443 to set up a site visit.

Delivery and installation shall be completed by 15 December 2004.

The contractor MUST be registered in the Central Contractors Registration (CCR) database in order to be considered for purchase order award. Visit web site at www.ccr.gov to register (see attached clause 52.204-7).

CONTROL SYSTEM SPECS

BURNER MANAGEMENT CONTROL SYSTEM AT THE SOO LOCKS

Provide the necessary supplies, materials, and services to replace the current burner management system with new controls, new remote communication, and a new hot water storage tank with heat exchanger and control valve. The contractor will be required to remove the existing controls and to install the new system.

Provide a professionally engineered and integrated burner management for 3 existing boilers, on-site training, and warranty for:

- ? A microprocessor based burner management control system with self-diagnostics and non-volatile memory Fireye Flame Monitoring burner management system model E110 or equal; with a Fireye E300 Expansion Module or equal.
- ? 1 Master Controller (Moore PAC 353 Process Automation Controller or equal)
- ? 3 Controllers (Moore PAC 353 Process Automation Controller or equal)
- ? A 200-gallon (minimum) hot water tank to deliver preheated water to all 3 existing boilers.
- ? An automatic telephone programmable alarm system (AD 2000 or equal).

This work will also require removal and reconfiguration of some existing equipment. All work required for successful installation and the contractor shall perform integration necessary to provide a fully functional and operating system.

SPECIFICATIONS:

Site Location: The existing system is in the Soo Locks Facility in Ste. St. Marie, Michigan. The contractor is responsible for delivery, installation, and training at this facility. Access to the site is difficult and the Government will provide limited assistance. See "Additional Requirements" below.

Description of current system: There are 3 existing boilers, Mohawk model number MS4-5-750-S150-GP/LPG, and each have their own individual controllers. These controllers are Honeywell BCS 7700's, which are to be removed and given to the government for disposal. The existing Mod 4 master controller is not working properly and shall also be removed and given to the government for disposal. Each boiler has it's own chain valve located above the boiler (these valves shall be replaced-see "Additional Requirements" below). The current monitoring software for the system is Honeywell Combustion System Manager, V1.02B, and shall also be replaced by the contractor.

DESCRIPTION OF REQUIRED SYSTEM:

Controllers:

The new controllers shall meet or exceed the following requirements:

- ? A Master Controller (Moore PAC 353 Process Automation Controller (or equal) capable of supporting 25 control and/or logic loops. This will be the Plant Master and shall be mounted separately from the boilers.
- ? A Moore PAC 353 Controller (or equal) shall be installed on each of the 3 existing boilers.

Minimum requirements for the controllers:

The firing order (lead/lag) is operator selected using push buttons located on the controller faceplate (front).

The plant Master establishes the firing rate demand as steam pressure changes. After the lead boiler modulates to high fire (80%), the control calls the lag boiler on-line. Once the demand is met, all boilers will modulate in parallel. When demand decreases, all boilers will modulate to low fire (30%) before the control determines the lag boiler off-line.

Operator can select:

Disable lead/lag

Lag boilers standby

Maintain low fire

Start boiler

Burner Management:

The Honeywell BCS 7700's shall be removed and replaced with the Fireye system or equal.

The Fireye Flame Monitoring burner management system Model #E110, (or equal) provides the proper burner sequencing, ignition, and flame monitoring protection for the automatically ignited natural gas. In conjunction with limit and operating controls, it programs the burner blower motor, ignition and fuel devices to provide full modulating firing with proven low fire start. On safety shutdowns, a message center will advise the operator of the cause as well as the position in the sequence it occurred.

The Fireye E300 Expansion Module (or equal) provides increased interlock supervision capability of the Flame Monitor. The E300 problem solving system reduces troubleshooting time and expense. It expands the standard 42 display messages of the Flame Monitor to include an additional 31 diagnostic messages.

200 Gallon (minimum) Hot Water Tank

Provide and install a new hot water storage tank with heat exchanger and control valve to preheat boiler make-up from 80 degrees F. to 150 degrees F. Size should be a minimum of 200 gallons and be able to fit into the existing location, which is 4'L X 3'W X 9'H.

Remote Communication:

The remote communication system shall provide a number of functions including flame safeguard supervision, alarm point monitoring, auto dial, gateway operation for a shared phone line, relay output scheduling and power interruption history. It will supervise the operation of the 3 Fireye Flame Monitor Controls and provide dial-out alarm notification concerning a number of user selectable features. The system shall monitor the Master Sequence Control over a shared single telephone line and allow the operator to use both systems.

Provide and install an automatic telephone alarm system that can be programmed to dial pagers or phones. Specific model AD 2000 (or equal).

Additional Requirements:

The contractor is required to perform all the work necessary to install and operate a fully functional system: all field wiring of the new control system; all modifications, adjustments and calibrations to the existing government-owned equipment; all changes to gas lines, fittings, or valves.

Provide and install electric steam header valves on 3 existing boilers.

The installed system and all components provided by the Contractor must meet ASME Standards "Boiler and Pressure Vessel Code". The Contractor must have Class 4B, and Class 3 boiler and steam licenses.

Provide one full day (8 hours) of on-site training for 4-6 employees in the operation and maintenance of the system. Training shall not take place until system is fully installed and functional. In addition, the Contractor shall provide a half-day (4 hours) of on-site follow-up training for 4-6 employees 45 to 60 days after the initial training session. Warranty must be a minimum of one (1) year for labor and the applicable manufacturer's warranty for parts.

Access to the project site is difficult; it is on the West Center Pier of the Soo Locks. The Contractor will be required to haul smaller items and tools across the lock gate. The Government will provide assistance moving larger items such as the 200-gallon water tank using Government-owned floating plant. An on-site visit at the Soo Locks Facility is highly recommended prior to submitting a bid.

Delivery and installation Shall be completed by 15 December 2004.

Section SF 1449 - CONTINUATION SHEET

ITEM NO SUPPLIES/SERVICES QUANTITY **UNIT** UNIT PRICE **AMOUNT** 0001 Provide the supplies 1 Lump Sum materials, and services to replace the current Burner Management Control System at the USACE Soo Locks in Sault Ste Marie, Michigan.

The work is to be performed in accordance with the attached Scope of

Work/Specifications.

FOB: Destination

DELIVERY INFORMATION

CLIN DELIVERY DATE **OUANTITY** SHIP TO ADDRESS UIC 0001 15-DEC-2004 FACILITIES MANAGEMENT BRANCH ST. MARY'S FALLS CANAL SAULT STE. MARIE MI 49783 FOB: Destination

CLAUSES INCORPORATED BY REFERENCE

52.212-5 Contract Terms and Conditions Required to Implement JUN 2004 Statutes or Executive Orders--Commercial Items

CLAUSES INCORPORATED BY FULL TEXT

52.204-7 CENTRAL CONTRACTOR REGISTRATION (OCT 2003)

(a) Definitions. As used in this clause--

Central Contractor Registration (CCR) database means the primary Government repository for Contractor information required for the conduct of business with the Government.

Data Universal Numbering System (DUNS) number means the 9-digit number assigned by Dun and Bradstreet, Inc. (D&B) to identify unique business entities.

Data Universal Numbering System +4 (DUNS+4) number means the DUNS number assigned by D&B plus a 4-character suffix that may be assigned by a business concern. (D&B has no affiliation with this 4-character suffix.) This 4-character suffix may be assigned at the discretion of the business concern to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts (see the FAR at Subpart 32.11) for the same parent concern.

Registered in the CCR database means that--

- (1) The Contractor has entered all mandatory information, including the DUNS number or the DUNS+4 number, into the CCR database; and
- (2) The Government has validated all mandatory data fields and has marked the record "Active".
- (b)(1) By submission of an offer, the offeror acknowledges the requirement that a prospective awardee shall be registered in the CCR database prior to award, during performance, and through final payment of any contract, basic agreement, basic ordering agreement, or blanket purchasing agreement resulting from this solicitation.
- (2) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" or "DUNS +4" followed by the DUNS or DUNS +4 number that identifies the offeror's name and address exactly as stated in the offer. The DUNS number will be used by the Contracting Officer to verify that the offeror is registered in the CCR database.
- (c) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one.
- (1) An offeror may obtain a DUNS number--
- (i) If located within the United States, by calling Dun and Bradstreet at 1-866-705-5711 or via the Internet at http://www.dnb.com; or
- (ii) If located outside the United States, by contacting the local Dun and Bradstreet office.
- (2) The offeror should be prepared to provide the following information:
- (i) Company legal business.
- (ii) Tradestyle, doing business, or other name by which your entity is commonly recognized.
- (iii) Company Physical Street Address, City, State, and Zip Code.
- (iv) Company Mailing Address, City, State and Zip Code (if separate from physical).
- (v) Company Telephone Number.
- (vi) Date the company was started.
- (vii) Number of employees at your location.
- (viii) Chief executive officer/key manager.
- (ix) Line of business (industry).
- (x) Company Headquarters name and address (reporting relationship within your entity).

- (d) If the Offeror does not become registered in the CCR database in the time prescribed by the Contracting Officer, the Contracting Officer will proceed to award to the next otherwise successful registered Offeror.
- (e) Processing time, which normally takes 48 hours, should be taken into consideration when registering. Offerors who are not registered should consider applying for registration immediately upon receipt of this solicitation.
- (f) The Contractor is responsible for the accuracy and completeness of the data within the CCR database, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequent updates its information in the CCR database to ensure it is current, accurate and complete. Updating information in the CCR does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.
- (g)(1)(i) If a Contractor has legally changed its business name, "doing business as" name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in Subpart 42.12, the Contractor shall provide the responsible Contracting Officer a minimum of one business day's written notification of its intention to (A) change the name in the CCR database; (B) comply with the requirements of Subpart 42.12 of the FAR; and (C) agree in writing to the timeline and procedures specified by the responsible Contracting Officer. The Contractor must provide with the notification sufficient documentation to support the legally changed name.
- (ii) If the Contractor fails to comply with the requirements of paragraph (g)(1)(i) of this clause, or fails to perform the agreement at paragraph (g)(1)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the "Suspension of Payment" paragraph of the electronic funds transfer (EFT) clause of this contract.
- (2) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims (see FAR Subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the CCR database. Information provided to the Contractor's CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the "Suspension of payment" paragraph of the EFT clause of this contract.
- (h) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the internet at http://www.ccr.gov or by calling 1-888-227-2423, or 269-961-5757.

(End of clause)

52.211-6 BRAND NAME OR EQUAL (AUG 1999)

- (a) If an item in this solicitation is identified as "brand name or equal," the purchase description reflects the characteristics and level of quality that will satisfy the Government's needs. The salient physical, functional, or performance characteristics that "equal" products must meet are specified in the solicitation.
- (b) To be considered for award, offers of "equal" products, including "equal" products of the brand name manufacturer, must-
- (1) Meet the salient physical, functional, or performance characteristic specified in this solicitation;
- (2) Clearly identify the item by--

- (i) Brand name, if any; and
- (ii) Make or model number;
- (3) Include descriptive literature such as illustrations, drawings, or a clear reference to previously furnished descriptive data or information available to the Contracting Officer; and
- (4) Clearly describe any modifications the offeror plans to make in a product to make it conform to the solicitation requirements. Mark any descriptive material to clearly show the modifications.
- (c) The Contracting Officer will evaluate "equal" products on the basis of information furnished by the offeror or identified in the offer and reasonably available to the Contracting Officer. The Contracting Officer is not responsible for locating or obtaining any information not identified in the offer.
- (d) Unless the offeror clearly indicates in its offer that the product being offered is an "equal" product, the offeror shall provide the brand name product referenced in the solicitation.

(End of provision)

52.212-3 OFFEROR REPRESENTATIONS AND CERTIFICATIONS--COMMERCIAL ITEMS (MAY 2004)

(a) Definitions. As used in this provision:

"Emerging small business" means a small business concern whose size is no greater than 50 percent of the numerical size standard for the NAICS code designated.

"Forced or indentured child labor" means all work or service-

- (1) Exacted from any person under the age of 18 under the menace of any penalty for its nonperformance and for which the worker does not offer himself voluntarily; or
- (2) Performed by any person under the age of 18 pursuant to a contract the enforcement of which can be accomplished by process or penalties.

Service-disabled veteran-owned small business concern--

- (1) Means a small business concern--
- (i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and
- (ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a service-disabled veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.
- (2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern" means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR Part 121 and size standards in this solicitation.

Veteran-owned small business concern means a small business concern--

- (1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and
- (2) The management and daily business operations of which are controlled by one or more veterans.
- "Women-owned small business concern" means a small business concern--

Partnership;

- (1) That is at least 51 percent owned by one or more women or, in the case of any publicly owned business, at least 51 percent of its stock is owned by one or more women; or
- (2) Whose management and daily business operations are controlled by one or more women.
- "Women-owned business concern" means a concern which is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and whose management and daily business operations are controlled by one or more women.
- (b) Taxpayer Identification Number (TIN) (26 U.S.C. 6109, 31 U.S.C. 7701). (Not applicable if the offeror is required to provide this information to a central contractor registration database to be eligible for award.)
- (1) All offerors must submit the information required in paragraphs (b)(3) through (b)(5) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the Internal Revenue Service (IRS).
- (2) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

Corporate entity (not tax-exempt);
Corporate entity (tax-exempt);
Government entity (Federal, State, or local);
Foreign government;
International organization per 26 CFR 1.6049-4;
Other
(5) Common parent.
Offeror is not owned or controlled by a common parent;
Name and TIN of common parent:
Name
TIN
(c) Offerors must complete the following representations when the resulting contract will be performed in the United States or its outlying areas. Check all that apply.
(1) Small business concern. The offeror represents as part of its offer that it () is, () is not a small business concern.
(2) Veteran-owned small business concern. (Complete only if the offeror represented itself as a small business concern in paragraph $(c)(1)$ of this provision.) The offeror represents as part of its offer that it () is, () is not a veteran-owned small business concern.
(3) Service-disabled veteran-owned small business concern. (Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph $(c)(2)$ of this provision.) The offeror represents as part of its offer that it () is, () is not a service-disabled veteran-owned small business concern.
(4) Small disadvantaged business concern. (Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.) The offeror represents, for general statistical purposes, that it () is, () is not a small disadvantaged business concern as defined in 13 CFR 124.1002.
(5) Women-owned small business concern. (Complete only if the offeror represented itself as a small business concern in paragraph $(c)(1)$ of this provision.) The offeror represents that it () is, () is not a women-owned small business concern.
Note: Complete paragraphs $(c)(6)$ and $(c)(7)$ only if this solicitation is expected to exceed the simplified acquisition threshold.
(6) Women-owned business concern (other than small business concern). (Complete only if the offeror is a women-owned business concern and did not represent itself as a small business concern in paragraph (c)(1) of this

provision.) The offeror represents that it () is, a women-owned business concern.

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(7) Tie bid priority for labor surplus area concerns. If this is an invitation for bid, small business offerors may identify the labor surplus areas in which costs to be incurred on account of manufacturing or production (by offeror or first-tier subcontractors) amount to more than 50 percent of the contract price:
(8) Small Business Size for the Small Business Competitiveness Demonstration Program and for the Targeted Industry Categories under the Small Business Competitiveness Demonstration Program. (Complete only if the offeror has represented itself to be a small business concern under the size standards for this solicitation.)
(i) (Complete only for solicitations indicated in an addendum as being set-aside for emerging small businesses in one of the four designated industry groups (DIGs).) The offeror represents as part of its offer that it () is, () is not an emerging small business.
(ii) (Complete only for solicitations indicated in an addendum as being for one of the targeted industry categories (TICs) or four designated industry groups (DIGs).) Offeror represents as follows:
(A) Offeror's number of employees for the past 12 months (check the Employees column if size standard stated in the solicitation is expressed in terms of number of employees); or
(B) Offeror's average annual gross revenue for the last 3 fiscal years (check the Average Annual Gross Number of Revenues column if size standard stated in the solicitation is expressed in terms of annual receipts).
(Check one of the following):
Average Annual
Number of Employees Gross Revenues
50 or fewer \$1 million or less
51 - 100 \$1,000,001 - \$2 million
101 - 250 \$2,000,001 - \$3.5 million
251 - 500 \$3,500,001 - \$5 million
501 - 750 \$5,000,001 - \$10 million

- (9) (Complete only if the solicitation contains the clause at FAR 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns or FAR 52.219-25, Small Disadvantaged Business Participation Program-Dis advantaged Status and Reporting, and the offeror desires a benefit based on its disadvantaged status.)
- (i) General. The offeror represents that either--

____ 751 - 1,000 ____ \$10,000,001 - \$17 million

___ Over 1,000 ___ Over \$17 million

(A) It () is, () is not certified by the Small Business Administration as a small disadvantaged business concern and identified, on the date of this representation, as a certified small disadvantaged business concern in the database maintained by the Small Business Administration (PRO-Net), and that no material change in disadvantaged ownership and control has occurred since its certification, and, where the concern is owned by one or more

individuals claiming disadvantaged status, the net worth of each individual upon whom the certification is based does not exceed \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); or

- (B) It () has, ()(has not submitted a completed application to the Small Business Administration or a Private Certifier to be certified as a small disadvantaged business concern in accordance with 13 CFR 124, Subpart B, and a decision on that application is pending, and that no material change in disadvantaged ownership and control has occurred since its application was submitted.
- (ii) Joint Ventures under the Price Evaluation Adjustment for Small Disadvantaged Business Concerns. The offeror represents, as part of its offer, that it is a joint venture that complies with the requirements in 13 CFR 124.1002(f) and that the representation in paragraph (c)(7)(i) of this provision is accurate for the small disadvantaged business concern that is participating in the joint venture. (The offeror shall enter the name of the small disadvantaged business concern that is participating in the joint venture: _______.)
- (10) HUBZone small business concern. (Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.) The offeror represents, as part of its offer, that--
- (i) It () is, () is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR part 126; and
- (ii) It () is, () is not s joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (c)(10)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. (The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture:_______.) Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.
- (d) Certifications and representations required to implement provisions of Executive Order 11246-
- (1) Previous Contracts and Compliance. The offeror represents that--
- (i) It () has, () has not, participated in a previous contract or subcontract subject either to the Equal Opportunity clause of this solicitation, the and
- (ii) It () has, () has not, filed all required compliance reports.
- (2) Affirmative Action Compliance. The offeror represents that--
- (i) It () has developed and has on file, () has not developed and does not have on file, at each establishment, affirmative action programs required by rules and regulations of the Secretary of Labor (41 CFR Subparts 60-1 and 60-2), or
- (ii) It () has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.
- (e) Certification Regarding Payments to Influence Federal Transactions (31 U.S.C. 1352). (Applies only if the contract is expected to exceed \$100,000.) By submission of its offer, the offeror certifies to the best of its knowledge and belief that no Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or an employee of a Member of Congress on his or her behalf in connection with the award of any resultant contract.

- (f) Buy American Act Certificate. (Applies only if the clause at Federal Acquisition Regulation (FAR) 52.225-1, Buy American Act --Supplies, is included in this solicitation.)
- (1) The offeror certifies that each end product, except those listed in paragraph (f)(2) of this provision, is a domestic end product and that the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The offeror shall list as foreign end products those end products manufactured in the United States that do not qualify as domestic end products. The terms ``component,'' ``domestic end product,'' ``end product,'' ``foreign end product,'' and ``United States'' are defined in the clause of this solicitation entitled ``Buy American Act--Supplies.''

(2) Foreign End Products:
Line Item No.:
Country of Origin:
(List as necessary)
(3) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.
(g)(1) Buy American ActFree Trade AgreementsIsraeli Trade Act Certificate. (Applies only if the clause at FAR 52.225-3, Buy American ActFree Trade AgreementsIsraeli Trade Act, is included in this solicitation.)
(i) The offeror certifies that each end product, except those listed in paragraph (g)(1)(ii) or (g)(1)(iii) of this provision, is a domestic end product and that the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The terms ``component," ``domestic end product," ``end product," ``foreign end product," and ``United States" are defined in the clause of this solicitation entitled ``Buy American ActFree Trade AgreementsIsraeli Trade Act."
(ii) The offeror certifies that the following supplies are FTA country end products or Israeli end products as defined in the clause of this solicitation entitled ``Buy American ActFree Trade AgreementsIsraeli Trade Act":
FTA Country or Israeli End Products
Line Item No.:Country of Origin:
(List as necessary)
(iii) The offeror shall list those supplies that are foreign end products (other than those listed in paragraph (g)(1)(ii) of this provision) as defined in the clause of this solicitation entitled "Buy American ActFree Trade Agreements Israeli Trade Act." The offeror shall list as other foreign end products those end products manufactured in the United States that do not qualify as domestic end products.
Other Foreign End Products
Line Item No.: Country of Origin:
(List as necessary)
(iv) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision: (g)(1)(ii) The offeror certifies that the following supplies are Canadian end products as defined in the clause of this solicitation entitled "Buy American Act--Free Trade Agreements--Israeli Trade Act": Canadian End Products: Line Item No. _____ (List as necessary) (3) Buy American Act--Free Trade Agreements --Israeli Trade Act Certificate, Alternate II (Jan 2004). If Alternate II to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision: (g)(1)(ii) The offeror certifies that the following supplies are Canadian end products or Israeli end products as defined in the clause of this solicitation entitled "Buy American Act--Free Trade Agreements --Israeli Trade Act": Canadian or Israeli End Products: Line Item No. Country of Origin (List as necessary) (4) Trade Agreements Certificate. (Applies only if the clause at FAR 52.225-5, Trade Agreements, is included in this (i) The offeror certifies that each end product, except those listed in paragraph (g)(4)(ii) of this provision, is a U.S.made, designated country, Caribbean Basin country, or FTA country end product, as defined in the clause of this solicitation entitled "Trade Agreements." (ii) The offeror shall list as other end products those end products that are not U.S.-made, designated country, Caribbean Basin country, or FTA country end products. Other End Products

Line Item No.:----Country of Origin:-----

(2) Buy American Act--Free Trade Agreements --Israeli Trade Act Certificate, Alternate I (Jan 2004). If Alternate I to

(List as necessary)

- (iii) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25. For line items subject to the Trade Agreements Act, the Government will evaluate offers of U.S.-made, designated country, Caribbean Basin country, or NAFTA country end products without regard to the restrictions of the Buy American Act. The Government will consider for award only offers of U.S.-made, designated country, Caribbean Basin country, or NAFTA country end products unless the Contracting Officer determines that there are no offers for such products or that the offers for such products are insufficient to fulfill the requirements of the solicitation.
- (h) Certification Regarding Debarment, Suspension or Ineligibility for Award (Executive Order 12549). The offeror certifies, to the best of its knowledge and belief, that --
- (1) The offeror and/or any of its principals () are, () are not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency, and
- (2) () Have, () have not, within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, state or local government contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property; and
- (3) () are, () are not presently indicted for, or otherwise criminally or civilly charged by a Government entity with, commission of any of these offenses.
- (i) Certification Regarding Knowledge of Child Labor for Listed End Products (Executive Order 13126). [The Contracting Officer must list in paragraph (j)(1) any end products being acquired under this solicitation that are included in the List of Products Requiring Contractor Certification as to Forced or Indentured Child Labor, unless excluded at 22.1503(b).]
- (1) Listed End Product

 Addet	
Listed End Product	· Listed Countries of Origin:

- (2) Certification. [If the Contracting Officer has identified end products and countries of origin in paragraph (j)(1) of this provision, then the offeror must certify to either (j)(2)(i) or (j)(2)(ii) by checking the appropriate block.]
- ()(i) The offeror will not supply any end product listed in paragraph (j)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product.
- () (ii) The offeror may supply an end product listed in paragraph (j)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product. The offeror certifies that is has made a good faith effort to determine whether forced or indentured child labor was used to mine, produce, or manufacture any such end product furnished under this contract. On the basis of those efforts, the offeror certifies that it is not aware of any such use of child labor.

(End of provision)

- (a) Inspection/Acceptance. The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or reperformance of nonconforming services at no increase in contract price. The Government must exercise its post-acceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.
- (b) Assignment. The Contractor or its assignee may assign its rights to receive payment due as a result of performance of this contract to a bank, trust company, or other financing institution, including any Federal lending agency in accordance with the Assignment of Claims Act (31 U.S.C. 3727). However, when a third party makes payment (e.g., use of the Governmentwide commercial purchase card), the Contractor may not assign its rights to receive payment under this contract.
- (c) Changes. Changes in the terms and conditions of this contract may be made only by written agreement of the parties.
- (d) Disputes. This contract is subject to the Contract Disputes Act of 1978, as amended (41 U.S.C. 601-613). Failure of the parties to this contract to reach agreement on any request for equitable adjustment, claim, appeal or action arising under or relating to this contract shall be a dispute to be resolved in accordance with the clause at FAR 52.233-1, Disputes, which is incorporated herein by reference. The Contractor shall proceed diligently with performance of this contract, pending final resolution of any dispute arising under the contract.
- (e) Definitions. The clause at FAR 52.202-1, Definitions, is incorporated herein by reference.
- (f) Excusable delays. The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence such as, acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement or any excusable delay, setting for the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.
- (g) Invoice. (1) The Contractor shall submit an original invoice and three copies (or electronic invoice, if authorized) to the address designated in the contract to receive invoices. An invoice must include--
- (i) Name and address of the Contractor;
- (ii) Invoice date and number;
- (iii) Contract number, contract line item number and, if applicable, the order number;
- (iv) Description, quantity, unit of measure, unit price and extended price of the items delivered;
- (v) Shipping number and date of shipment, including the bill of lading number and weight of shipment if shipped on Government bill of lading;
- (vi) Terms of any discount for prompt payment offered;
- (vii) Name and address of official to whom payment is to be sent;
- (viii) Name, title, and phone number of person to notify in event of defective invoice; and

- (ix) Taxpayer Identification Number (TIN). The Contractor shall include its TIN on the invoice only if required elsewhere in this contract.
- (x) Electronic funds transfer (EFT) banking information.
- (A) The Contractor shall include EFT banking information on the invoice only if required elsewhere in this contract.
- (B) If EFT banking information is not required to be on the invoice, in order for the invoice to be a proper invoice, the Contractor shall have submitted correct EFT banking information in accordance with the applicable solicitation provision, contract clause (e.g., 52.232-33, Payment by Electronic Funds Transfer--Central Contractor Registration, or 52.232-34, Payment by Electronic

Funds Transfer--Other Than Central Contractor Registration), or applicable agency procedures.

- (C) EFT banking information is not required if the Government waived the requirement to pay by EFT.
- (2) Invoices will be handled in accordance with the Prompt Payment Act (31 U.S.C. 3903) and Office of Management and Budget (OMB) prompt payment regulations at 5 CFR part 1315.
- (h) Patent indemnity. The Contractor shall indemnify the Government and its officers, employees and agents against liability, including costs, for actual or alleged direct or contributory infringement of, or inducement to infringe, any United States or foreign patent, trademark or copyright, arising out of the performance of this contract, provided the Contractor is reasonably notified of such claims and proceedings.
- (i) Payment .--
- (1) Items accepted. Payment shall be made for items accepted by the Government that have been delivered to the delivery destinations set forth in this contract.
- (2) Prompt payment. The Government will make payment in accordance with the Prompt Payment Act (31 U.S.C. 3903) and prompt payment regulations at 5 CFR part 1315.
- (3) Electronic Funds Transfer (EFT). If the Government makes payment by EFT, see 52.212-5(b) for the appropriate EFT clause.
- (4) Discount. In connection with any discount offered for early payment, time shall be computed from the date of the invoice. For the purpose of computing the discount earned, payment shall be considered to have been made on the date which appears on the payment check or the specified payment date if an electronic funds transfer payment is made.
- (5) Overpayments. If the Contractor becomes aware of a duplicate contract financing or invoice payment or that the Government has otherwise overpaid on a contract financing or invoice payment, the Contractor shall immediately notify the Contracting Officer and request instructions for disposition of the overpayment.
- (j) Risk of loss. Unless the contract specifically provides otherwise, risk of loss or damage to the supplies provided under this contract shall remain with the Contractor until, and shall pass to the Government upon:
- (1) Delivery of the supplies to a carrier, if transportation is f.o.b. origin; or
- (2) Delivery of the supplies to the Government at the destination specified in the contract, if transportation is f.o.b. destination.
- (k) Taxes. The contract price includes all applicable Federal, State, and local taxes and duties.

- (1) Termination for the Government's convenience. The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the notice of termination, plus reasonable charges the Contractor can demonstrate to the satisfaction of the Government using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred which reasonably could have been avoided.
- (m) Termination for cause. The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.
- (n) Title. Unless specified elsewhere in this contract, title to items furnished under this contract shall pass to the Government upon acceptance, regardless of when or where the Government takes physical possession.
- (o) Warranty. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.
- (p) Limitation of liability. Except as otherwise provided by an express warranty, the Contractor will not be liable to the Government for consequential damages resulting from any defect or deficiencies in accepted items.
- (q) Other compliances. The Contractor shall comply with all applicable Federal, State and local laws, executive orders, rules and regulations applicable to its performance under this contract.
- (r) Compliance with laws unique to Government contracts. The Contractor agrees to comply with 31 U.S.C. 1352 relating to limitations on the use of appropriated funds to influence certain Federal contracts; 18 U.S.C. 431 relating to officials not to benefit; 40 U.S.C. 327, et seq., Contract Work Hours and Safety Standards Act; 41 U.S.C. 51-58, Anti-Kickback Act of 1986; 41 U.S.C. 265 and 10 U.S.C. 2409 relating to whistleblower protections; 49 U.S.C. 40118, Fly American; and 41 U.S.C. 423 relating to procurement integrity.
- (s) Order of precedence. Any inconsistencies in this solicitation or contract shall be resolved by giving precedence in the following order: (1) the schedule of supplies/services; (2) the Assignments, Disputes, Payments, Invoice, Other Compliances, and Compliance with Laws Unique to Government Contracts paragraphs of this clause; (3) the clause at 52.212-5; (4) addenda to this solicitation or contract, including any license agreements for computer software; (5) solicitation provisions if this is a solicitation; (6) other paragraphs of this clause; (7) the Standard Form 1449; (8) other documents, exhibits, and attachments; and (9) the specification.
- (t) Central Contractor Registration (CCR). (1) Unless exempted by an addendum to this contract, the Contractor is responsible during performance and through final payment of any contract for the accuracy and completeness of the data within the CCR database, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequent updates its information in the CCR database to ensure it is current, accurate and complete. Updating information in the CCR does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

- (2)(i) If a Contractor has legally changed its business name, "doing business as" name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in FAR subpart 42.12, the Contractor shall provide the responsible Contracting Officer a minimum of one business day's written notification of its intention to (A) change the name in the CCR database; (B) comply with the requirements of subpart 42.12; and (C) agree in writing to the timeline and procedures specified by the responsible Contracting Officer. The Contractor must provide with the notification sufficient documentation to support the legally changed name.
- (ii) If the Contractor fails to comply with the requirements of paragraph (t)(2)(i) of this clause, or fails to perform the agreement at paragraph (t)(2)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the "Suspension of Payment" paragraph of the electronic funds transfer (EFT) clause of this contract.
- (3) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims (see Subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the CCR database. Information provided to the Contractor's CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the "Suspension of payment" paragraph of the EFT clause of this contract.
- (4) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the internet at http://www.ccr.gov or by calling 1-888-227-2423 or 269-961-5757.

(End of clause)

52.232-33 PAYMENT BY ELECTRONIC FUNDS TRANSFER—CENTRAL CONTRACTOR REGISTRATION (OCT 2003)

- (a) Method of payment. (1) All payments by the Government under this contract shall be made by electronic funds transfer (EFT), except as provided in paragraph (a)(2) of this clause. As used in this clause, the term "EFT" refers to the funds transfer and may also include the payment information transfer.
- (2) In the event the Government is unable to release one or more payments by EFT, the Contractor agrees to either-
- (i) Accept payment by check or some other mutually agreeable method of payment; or
- (ii) Request the Government to extend the payment due date until such time as the Government can make payment by EFT (but see paragraph (d) of this clause).
- (b) Contractor's EFT information. The Government shall make payment to the Contractor using the EFT information contained in the Central Contractor Registration (CCR) database. In the event that the EFT information changes, the Contractor shall be responsible for providing the updated information to the CCR database.
- (c) Mechanisms for EFT payment. The Government may make payment by EFT through either the Automated Clearing House (ACH) network, subject to the rules of the National Automated Clearing House Association, or the Fedwire Transfer System. The rules governing Federal payments through the ACH are contained in 31 CFR part 210.
- (d) Suspension of payment. If the Contractor's EFT information in the CCR database is incorrect, then the Government need not make payment to the Contractor under this contract until correct EFT information is entered into the CCR database; and any invoice or contract financing request shall be deemed not to be a proper invoice for

the purpose of prompt payment under this contract. The prompt payment terms of the contract regarding notice of an improper invoice and delays in accrual of interest penalties apply.

- (e) Liability for uncompleted or erroneous transfers. (1) If an uncompleted or erroneous transfer occurs because the Government used the Contractor's EFT information incorrectly, the Government remains responsible for--
- (i) Making a correct payment;
- (ii) Paying any prompt payment penalty due; and
- (iii) Recovering any erroneously directed funds.
- (2) If an uncompleted or erroneous transfer occurs because the Contractor's EFT information was incorrect, or was revised within 30 days of Government release of the EFT payment transaction instruction to the Federal Reserve System, and--
- (i) If the funds are no longer under the control of the payment office, the Government is deemed to have made payment and the Contractor is responsible for recovery of any erroneously directed funds; or
- (ii) If the funds remain under the control of the payment office, the Government shall not make payment, and the provisions of paragraph (d) of this clause shall apply.
- (f) EFT and prompt payment. A payment shall be deemed to have been made in a timely manner in accordance with the prompt payment terms of this contract if, in the EFT payment transaction instruction released to the Federal Reserve System, the date specified for settlement of the payment is on or before the prompt payment due date, provided the specified payment date is a valid date under the rules of the Federal Reserve System.
- (g) EFT and assignment of claims. If the Contractor assigns the proceeds of this contract as provided for in the assignment of claims terms of this contract, the Contractor shall require as a condition of any such assignment, that the assignee shall register separately in the CCR database and shall be paid by EFT in accordance with the terms of this clause. Notwithstanding any other requirement of this contract, payment to an ultimate recipient other than the Contractor, or a financial institution properly recognized under an assignment of claims pursuant to subpart 32.8, is not permitted. In all respects, the requirements of this clause shall apply to the assignee as if it were the Contractor. EFT information that shows the ultimate recipient of the transfer to be other than the Contractor, in the absence of a proper assignment of claims acceptable to the Government, is incorrect EFT information within the meaning of paragraph (d) of this clause.
- (h) Liability for change of EFT information by financial agent. The Government is not liable for errors resulting from changes to EFT information made by the Contractor's financial agent.
- (i) Payment information. The payment or disbursing office shall forward to the Contractor available payment information that is suitable for transmission as of the date of release of the EFT instruction to the Federal Reserve System. The Government may request the Contractor to designate a desired format and method(s) for delivery of payment information from a list of formats and methods the payment office is capable of executing. However, the Government does not guarantee that any particular format or method of delivery is available at any particular payment office and retains the latitude to use the format and delivery method most convenient to the Government. If the Government makes payment by check in accordance with paragraph (a) of this clause, the Government shall mail the payment information to the remittance address contained in the CCR database.

(End of Clause)